

CLAIMS:

1. A hair brushing appliance comprising:
a housing,
5 a motor located within the housing,
a brush extending from the housing,
a transmission relaying output torque of the motor to
the brush, and
a slippage mechanism associated with the transmission
10 to allow the motor to turn, should the roller stop turning
in use.
2. The appliance of Claim 1 further comprising a heater
and a fan blowing air across the heater to the roller.
- 15 3. The appliance of Claim 1 wherein the transmission
comprises a gearbox.
4. The appliance of Claim 3 wherein the slippage
20 mechanism comprises a clutch associated with gears in the
gearbox.
5. The appliance of Claim 3 wherein the clutch comprises
a plurality of profiled intermeshing teeth.
- 25 6. The appliance of Claim 5 further comprising a spring
biasing the profiled teeth into engagement with one
another and wherein force applied by the spring upon the

clutch defines a pre-set torque transmission limit of the gearbox.

7. The appliance of Claim 4 wherein the clutch is formed
5 integrally with a gear of the gearbox.